

2024年（令和6年）スポーツ健康医科学研究所 研究業績

区分	全著者名	論文名	掲載誌名, 掲載年;巻(号):ページ番号
英文原著	Inoue M, Kubota A, Takazawa Y, Nakagawara K, Ishige K, Suzuki Y.	5'-UMP inhibited muscle atrophy due to detraining: A randomized, double-blinded, placebo-controlled, parallel-group comparative study.	Frontiers in Sports and Active Living. 2024;15(6) : 1403215.
英文原著	Miyamoto N, Miyamoto-Mikami E, Kinoshita M, Akazawa T, Kimura N, Nishio H, Kobayashi Y, Nagao M, Takazawa Y	Age-dependence of semitendinosus tendon properties used for anterior cruciate ligament reconstruction differs in males and females.	Clin Biomech (Bristol). 2024; 119:106329.
英文原著	Miyamori T, Aoyagi M, Shimasaki Y, Yoshimura M.	Awareness of fifth metatarsal stress fractures among soccer coaches in Japan: A cross-sectional study.	PLoS ONE. 2024;19(5):e0277582.
英文原著	N Miyamoto, K Yamazaki, T Iwasaki, I Mujika, D Yamashita, K Hirata	Biceps femoris long head stiffens after 2 weeks of training cessation in highly trained sprinters.	European Journal of Applied Physiology. 2024 Nov; 124(11): 3317-3323.
英文原著	Fujimaki M, Miyamori T, Aoyagi M, Kadoya H, Shimasaki Y, Yoshimura M.	Characteristics of muscle morphology and elastic modulus of the patellar tendon with a previous history of rectus femoris muscle strains.	Juntendo Health Science Journal, 2024; 5:2-11.
英文原著	Matsui M, Ishii K, Suzuki K, Togashi K.	Chronotype and emotional/behavioral problems mediate the association between leisure screen time and academic achievement in children.	Chronobiol Int, 2024; 41(4): 513-520.
英文原著	Takamatsu Y, Kawata Y.	Coach servant leadership and athlete serving behaviors: The role of intrinsic motivation and positive affect.	The Sports Psychologist, 2024; 38(4): 248–258.
英文原著	Kubohara Y, Fukunaga Y, Shigenaga A, Kikuchi H.	Dictyostelium differentiation-inducing factor 1 promotes glucose uptake via direct inhibition of mitochondrial malate dehydrogenase in mouse 3T3-L1 cells.	Int J Mol Sci. 2024 Feb 4;25(3):1889.
英文原著	Ebina H, Dohi T, Fukushima Y, Fukao K, Kasai T, Ueda S, Matsushita S, Amano A, Minamino T.	Effect of cereal consumption (Frugra®) on autonomic nervous system function in healthcare workers who skip breakfast.	J Nurt Sci Vitaminol, 2024; 70: 380-386.
英文原著	Sawada S, Nishino A, Honda S, Tominaga Y, Makio S, Ozaki H, Machida S.	Effect of resistance training and lemon myrtle extract on muscle size of older adults: A pilot randomized controlled trial.	Functional Foods in Health and Disease. Dec, 14(12), 934-946, 2024.

英文原著	Kawakubo S, Fukao K (Cor), Someya Y, Nishimura J, Doi M, Yokoyama M, Tabata M, Minamino T, Naito H.	Effectiveness of nutritional guidance focusing on leucine intake during cardiac rehabilitation maintenance.	Juntendo Medical Journal, 2024; 70(1): 29-43.
英文原著	Miyamori T, Aoyagi M, Saito T, Masui Y, Ishihara Y, Shimasaki Y, Yoshimura M.	Effects of high-frequency hyperthermia on the elastic modulus of the lumbar muscle in female athletes with low back pain: A randomized crossover trial.	Medicine (United States), 2024;103(17):E38011.
英文原著	Uda M, Yoshihara T, Ichinoseki-Sekine N, Baba T.	Effects of hindlimb unloading on the mevalonate and mechanistic target of rapamycin complex 1 signaling pathways in a fast-twitch muscle in rats.	Physiol Rep. 2024 Mar, 12(5), e15969.
英文原著	Yoshihara T, Dobashi S, Naito H.	Effects of preconditioning with heat stress on acute exercise-induced intracellular signaling in male rat gastrocnemius muscle.	Physiol Rep,2024 Jan, 12, e15913.
英文原著	Abe T, Abe A, Nakamura M, Nakano M, Loenneke JP.	Handgrip strength laterality of young Kendo athletes in the developmental period.	J Martial Arts Anthropol, 2024; 24(4): 1-5.
英文原著	Sasaki K, Miyamoto N.	Intramuscular stiffness distribution in anterior and posterior upper trapezius muscles in healthy young males.	Frontiers in Sports and Active Living, 2024 Dec; 6: 1507207.
英文原著	Yamanaka K, Suzuki M, Pham TL, Tomita K, Nguyen VT, Takagishi M, Tsukioka K, Gouraud S, Waki H.	Involvement of D1 dopamine receptor in the nucleus of the solitary tract of rats in stress-induced hypertension and exercise.	Journal of Hypertension, 2024 Oct ;42(10):1795-1804.
英文原著	Kondo K, Hashiguchi N, Watanabe S, H Nishio, Takazawa Y, Iba T.	Mechanism of acute kidney injury in mild to moderate heat-related illness.	Juntendo Medical Journal, 2024 Dec ;70(6):420-428.
英文原著	Kumagai H, Kim SJ, Miller B, Zempo H, Tanisawa K, Natsume T, Lee SH, Wan J, Leelaprachakul N, Kumagai ME, Ramirez R 2nd, Mehta HH, Cao K, Oh TJ, Wohlschlegel JA, Sha J, Nishida Y, Fuku N, Dobashi S, Miyamoto-Mikami E, Takaragawa M, Fuku M, Yoshihara T, Naito H, Kawakami R, Torii S, Midorikawa T, Oka K, Hara M, Iwasaka C, Yamada Y, Higaki Y, Tanaka K, Yen K, Cohen P.	MOTS-c modulates skeletal muscle function by directly binding and activating CK2.	iScience, 2024; 27(11):111212.
英文原著	Dobashi S, Yoshihara T, Ogura Y, Naito H.	Normobaric hypoxia accelerates high-intensity intermittent training-induced mitochondrial biogenesis (PGC-1α)- and dynamics (OPA1)-related protein expressions in rat gastrocnemius muscle.	J Physiol Biochem. 2024,Nov, 80(4), 909-917.
英文原著	Watanabe H, Washino S, Ogoh S, Miyamoto N, Kanehisa H, H Kato, Yoshitake Y.	Observing an expert's action swapped with an observer's face increases corticospinal excitability during combined action observation and motor imagery.	European Journal of Neuroscience, 2024 Mar; 59(5): 1016-1028.

英文原著	Liu Z, Sawada S, Naito H, Machida S.	One-leg standing test with eyes open as a screening tool for prefrailty in community-dwelling older Japanese women.	Healthcare (Basel), 2024 Nov, (23), 2378.
英文原著	Hata K, Hamamura Y, Noro H, Yamazaki Y, Nagato S, Kanosue K, Yanagiya T.	Plantar flexor muscle activity and fascicle behavior in gastrocnemius medialis during running in highly cushioned shoes with carbon-fiber plates.	J Appl Biomech. 2024 Mar 7;40(3):192-200.
英文原著	Yoshihara T, Dobashi S, Naito H.	Pre-heating stress associated with acute oral leucine supplementation effects in rat gastrocnemius muscle: Implications for protein synthesis signaling pathways.	Thermal Biol. 2024 Jan, 119, 103801.
英文原著	Shinchi K, Yamashita D, Yamagish T, Aoki K, Miyamoto N.	Relationship between jump height and lower limb joint kinetics and kinematics during countermovement jump in elite male athletes.	Sports Biomechanics, 2024 Dec; 23(12):3454-3465.
英文原著	Iwasaki Y, Someya Y Nagao M Nozu S, Shiota Y Takazawa Y.	Relationship between the contact load and time-loss injuries in rugby union.	Front Sports Act Living, 2024 Sep; 27:6:1395138.
英文原著	Matsuda T, Miyamori T, Fujino S, Nozu S, Kajiwara Y.	Reliability and validity of muscle activity analysis using wearable electromyographs.	J Phys Ther Sci, 2024;36(3):123-127.
英文原著	Loenneke JP, Abe A, Yamasaki S, Tahara R, Abe T.	Sex differences in strength during development: implications for inclusivity and fairness in sport.	Am J Hum Biol, 2024; 36(11): e24152.
英文原著	Tsurukami H, Itoigawa Y, Uehara H, Hatae F, Kubota A, Mizuno M, Maezawa K, Takazawa Y, Ishijima M.	Stiffness changes in shoulder muscles between pitchers and position players after throwing overhead using shear wave elastography and throwing motion analysis.	Journal of Clinical Medicine,2024 ; 13(7) : 2056.
英文原著	Ohno K, Sawada S, Fujimaki N, Sakai K, Wakui S, Shibata N, Sato N, Naito H, Machida S.	The association between mild cognitive impairment and physical function in older Japanese adults aged 75 years or older living in independent senior housing: A cross-sectional study.	Healthcare (Basel),2024Oct; 12(21), 2106.
英文原著	Abe T, Machida S, Nakamura M, Kohmura Y, Suzuki K, Abe A, Nakano M, Loenneke JP, Naito H.	Tracking handgrip strength in Kendo athletes from university to middle and older adulthood.	Am J Hum Biol, 2024 Sep, 36(9), e24082.
英文原著	Sakamoto K, Miyamori T, Someya Y, Nagao M, Ishihara Y, Kobayashi Y, Shimasaki Y, Imai J, Ono T, Ikeda H, Tashima K, Yoshimura M.	Vitamin D levels and bone mineral density of middle-aged premenopausal female football and volleyball players in Japan: a cross-sectional study.	BMC Sports Science, Medicine and Rehabilitation,2024;16(1):147.

和文原著	長谷川雄彦, 小川咲桜, 土橋祥平, 吉原利典.	若年期の活動制限が高脂肪食摂取ラットの骨格筋におけるオートファジーに及ぼす影響.	体力科学,2024; 73(3), 97-110
和文原著	萱 和磨, 内藤 久土, 宮本 直和, 原田 睦巳, 富田 洋之	エリート体操選手が体操競技種目鉄棒において「伸身コバチ1回ひねり(カッシーナ)」を試合で実施するまでの練習過程における意識の変化	スポーツパフォーマンス研究, 2024; 16: 92-105
和文原著	黒川優介, 松井公宏, 岸秀忠, 宮田洋之, 鈴木宏哉	幼児期における動きの質と運動能力の関連	体力科学, 2024; 73(2):75-83
和文原著	廣木武士, 黒川優介, 鈴木宏哉	幼児を対象としたサッカーキッズプログラムにおける基本動作と中高強度身体活動の関連性	体力科学, 2024; 73(5):183-191
和文原著	富樫維親, 長尾雅史, 西尾啓史, 野津将時郎, 塩田有規, 高澤祐治	膝蓋腱炎に対する日本語版the Victorian Institute of Sports Assessment for Patellar tendinopathy(VISA-P-J)の異文化適応, 妥当性, 信頼性, 反応性についての検討	日本臨床スポーツ医学会誌, 2024;32(3):375-383
和文原著	谷本 道哉, 町田 修一, 柳谷 登志雄.	10-30 RMスクワットおよびベンチプレスの全身性主観的運動強度と呼吸循環応答の比較	Strength and Conditioning Journal Japan, 2024; 31 (4):14-21
和文総説	宮森 隆行, 長尾 雅史, 西尾 啓史, 岩木 峻平, 野津 将時郎, 斎藤 正治, 福井 隆久, 吉田 友哉, 甲能 萌, 高澤 祐治.	消防団員の演習訓練中における外傷・障害予防を目的とした運動プログラムの開発	順天堂保健医療学雑誌,2024;5:40-45
和文総説	宮森隆行, 長尾雅史, 西尾啓史, 岩木峻平, 野津将時郎, 斎藤正治, 福井隆久, 吉田友哉, 甲能萌, 高澤祐治.	消防団員の演習訓練中における外傷・障害予防を目的とした運動プログラムの開発	順天堂保健医療学雑誌, 2024;5:40-45
和文総説	高澤祐治	スポーツ医学における多職種連携	群馬医学, 2024; 119: 1-14